

**Notice of Allowability**

Application No.

10/699,531

Examiner

Alexander J. Kosowski

Applicant(s)

PETERSON ET AL.

Art Unit

2125

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 2/24/06.
2. ☒ The allowed claim(s) is/are 21-33 and 44-52.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

**DETAILED ACTION**

- 1) Claims 21-33 and 44-52, as amended 2/24/06, are presented for examination.

**EXAMINER'S AMENDMENT**

- 2) An examiner's amendment to the record appears below. Claim 48 contained 112 issues from the previous office action that were not addressed in the response. Since attorney of record is currently unassigned due to a change in power of attorney, examiner has fixed the 112 issue in an attempt to expedite prosecution. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Referring to claim 48, line 9, please change "the rinse agent" to read --a rinse agent--.

Referring to claim 48, line 11, please change "the chemical solution" to read --a chemical solution--.

Referring to claim 48, line 14, please change "a rinse agent" to --the rinse agent--.

**Allowable Subject Matter**

- 3) Claims 21-33 and 44-52 are allowed.

The following is an examiner's statement of reasons for allowance:

Referring to claim 21, Buckroyd (U.S. PG PUB 2004/0134238), alone or in combination with the prior art of record, does not explicitly teach a method for configuring a utility device to perform a service at a service environment comprising dispensing a predetermined amount of chemical product solution to a solution tank in response to the current conductivity falling below a conductivity setpoint, wherein the predetermined amount of chemical product is an operational

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setting determined by analyzing a first, second and third parameter against a data structure mapping the operational settings to a plurality of parameter groupings, wherein the first, second and third parameter form one of the plurality of parameter groupings, in combination with the remaining elements or features of the claimed invention.

Referring to claim 28, Buckroyd, alone or in combination with the prior art of record, does not explicitly teach a method for configuring a utility device to perform a service at a service environment comprising evaluating a specified consideration to render therefore a first parameter value indicative of results derived from examination of the specified consideration, wherein an analyzing act analyzes both the hardness level and the first parameter value against each of a plurality of candidate chemical products to administer the selection of a chemical product, in combination with the remaining elements or features of the claimed invention.

Referring to claim 44, Buckroyd, alone or in combination with the prior art of record, does not explicitly teach a computer-implemented method for configuring a utility device to perform a service at a service environment comprising dispensing a predetermined amount of chemical product solution to a solution tank in response to the current conductivity falling below a conductivity setpoint, wherein the predetermined amount of chemical product is an operational setting determined by analyzing a first, second and third parameter against a data structure mapping the operational settings to a plurality of parameter groupings, wherein the first, second and third parameter form one of the plurality of parameter groupings, in combination with the remaining elements or features of the claimed invention.

Referring to claim 46, Buckroyd, alone or in combination with the prior art of record, does not explicitly teach a computer-implemented method for configuring a utility device to

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perform a service at a service environment comprising presenting on a graphical user interface an electronic selection screen comprising an interface element for modifying at least one of the set of operational settings, wherein the interface element is operable to modify a conductivity setpoint, and in response to modification of an operational setting, updating a set of operational settings to include a modified operational setting, wherein the updating act comprises in response to modification of the conductivity setpoint via the interface, updating the set of operational settings to include the modified conductivity setpoint, in combination with the remaining elements or features of the claimed invention.

Referring to claim 48, Buckroyd, alone or in combination with the prior art of record, does not explicitly teach a computer-implemented method for configuring a utility device to perform a service at a service environment comprising determining a conductivity offset relating to an inherent conductivity of a rinse agent and utilizing the conductivity offset to determine a total dissolved solids parameter for a chemical solution, wherein a displaying act displays the total dissolved solids parameter on a graphical user interface in conjunction with one or more operational settings related to a rinse cycle performed by the utility device to apply a rinse agent to articles during the service, in combination with the remaining elements or features of the claimed invention.

Referring to all other claims, the claim are dependent on allow independent claims, and are therefore allowable.

4) Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

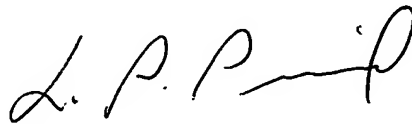
5) Although not utilized in any previous office action, examiner wishes to add related prior art to the record. This art has been noted on the attached PTO-892.

6) Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander J Kosowski whose telephone number is 571-272-3744. The examiner can normally be reached on Monday through Friday, alternating Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Leo Picard can be reached on 571-272-3749. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. In addition, the examiner's RightFAX number is 571-273-3744.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-2100.

Alexander J. Kosowski  
Patent Examiner  
Art Unit 2125



**LEO PICARD  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100**